

**“Modulation of Cell Intrinsic Strain To Control Matrix Synthesis,
Secretion, Organization and Remodeling”**

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REPLACEMENT SHEET

TABLE 1. PCR CONDITIONS USED FOR EACH GENE

<u>Gene</u>	<u>Primer Sequence</u>	<u>Product Length (bp)</u>	<u>Cycle Conditions</u>	<u>Cycles</u>
Collagen I	5'-GGTCTCTCAGGGTCTTCTTGG-3' 3'-CACCAGGAGACCGTTGACT-5'	184	94°C, 5 min 94°C, 1 min; 45°C, 1 min; 72°C, 30 s 72°C, 5 min	28
Collagen III	5'-AGGTGAACGTGTGTCACACAAGGT-3' 3'-GCACCAGCTGGTCCAGTCTCT-5'	300	94°C, 5 min 94°C, 1 min; 65°C, 1 min; 72°C, 5 min 72°C, 5 min	26
Collagen XII	5'-AGTATCAGTCTGGGCCTGGCAA-3' 3'-TTTCTCCCTCTCCAGAAAGGGCTT-5'	300	94°C, 5 min 94°C, 1 min; 65°C, 1 min; 72°C, 1 min 72°C, 5 min	35
Decorin	5'-CATCCCTTACTGAGCTTCACCTT-3' 3'-ACTCACACCAGAAATAGGTGCGCTG-5'	300	94°C, 5 min 94°C, 1 min; 65°C, 1 min; 72°C, 1 min 72°C, 5 min	22
Tenascin	5'-TGTCTACAACATCAAGCTGCCTGT-3' 3'-AGCCTGCCTTACCTTCTGCTGT-5'	298	94°C, 5 min 94°C, 1 min; 65°C, 1 min; 72°C, 1 min 72°C, 5 min	37
Prolyl-hydroxylase	5'-AACAGCCAAATGAAGTAGAGGCAGT-3' 3'-ACGACAATGCGTTGGGTACTCA-5'	300	94°C, 5 min 94°C, 1 min; 60°C, 1 min; 72°C, 1 min 72°C, 5 min	22
β -Actin	5'-GCCATCCTGCGTCTGGACCGGGCT-3' 3'-GTGATGACCTGGCCGTCAGGCAGC-5'	227	94°C, 5 min 94°C, 1 min; 60°C, 1 min; 72°C, 30 s 72°C, 5 min	20